

From: Sorrell, Virginia  
Sent: Thursday, August 02, 2018 02:16 PM  
To: Chapman, Apple  
CC: Brooks, Phillip  
Subject: RE: SV PTE Calculation

I can call Amy Branning,

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

# Ex. 5 AC/DP

Virginia Sorrell

Air Enforcement Division

Office of Civil Enforcement

U.S. Environmental Protection Agency

Phone: 303-312-6669

This email, including attachments, may contain material that is confidential, privileged, and/or attorney work product.

From: Chapman, Apple  
Sent: Thursday, August 2, 2018 7:56 AM  
To: Sorrell, Virginia <Sorrell.Virginia@epa.gov>  
Cc: Brooks, Phillip <Brooks.Phillip@epa.gov>

Subject: RE: SV PTE Calculation

# Ex. 5 AC/DP

Ms. Apple Chapman |Deputy Director, Air Enforcement Division | U.S. Environmental Protection Agency

1200 Pennsylvania Ave. NW, Washington DC, 20004 |202-564-5666 (office)|202-841-6076 (mobile)|

From: Sorrell, Virginia

Sent: Thursday, August 02, 2018 9:49 AM

To: Chapman, Apple <Chapman.Apple@epa.gov>

Subject: FW: SV PTE Calculation

FYI **Ex. 5 Deliberative Process (DP)**

Virginia Sorrell

Air Enforcement Division

Office of Civil Enforcement

U.S. Environmental Protection Agency

Phone: 303-312-6669

This email, including attachments, may contain material that is confidential, privileged, and/or attorney work product.

From: Marsh, Karen

Sent: Thursday, August 2, 2018 7:14 AM

To: Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Thanks Ginny. I'm continuing to look at this today.

Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

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Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Sorrell, Virginia

Sent: Wednesday, August 01, 2018 7:52 PM

To: Marsh, Karen <Marsh.Karen@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Hi Karen,

## Ex. 5 AC/DP

# Ex. 5 AC/DP

Thanks,

Ginny

Virginia Sorrell

Air Enforcement Division

Office of Civil Enforcement

U.S. Environmental Protection Agency

Phone: 303-312-6669

This email, including attachments, may contain material that is confidential, privileged, and/or attorney work product.

From: Marsh, Karen

Sent: Wednesday, August 1, 2018 2:35 PM

To: Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Thanks for the additional background.

**Ex. 5 Deliberative Process (DP)**

**Ex. 5 Deliberative Process (DP)**

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Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Sorrell, Virginia

Sent: Wednesday, August 01, 2018 4:09 PM

To: Marsh, Karen <Marsh.Karen@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Hi Karen,

**Ex. 5 AC/DP**

# Ex. 5 AC/DP

Thanks,

Ginny

Virginia Sorrell

Air Enforcement Division

Office of Civil Enforcement

U.S. Environmental Protection Agency

Phone: 303-312-6669

This email, including attachments, may contain material that is confidential, privileged, and/or attorney work product.

From: Marsh, Karen

Sent: Wednesday, August 1, 2018 1:29 PM

To: Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Sorrell,

Virginia <Sorrell.Virginia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Hi everyone,

# Ex. 5 AC/DP

# Ex. 5 AC/DP

Thanks,

Karen

\*\*\*\*\*

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Marsh, Karen

Sent: Wednesday, August 01, 2018 11:13 AM

To: Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Thanks Marcia.

## Ex. 5 Deliberative Process (DP)

Thanks!

Karen

\*\*\*\*\*

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Mia, Marcia

Sent: Tuesday, July 31, 2018 5:04 PM

To: Marsh, Karen <Marsh.Karen@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Thank you Karen for the heavy lifting on this, by providing the initial markup for our review.

## Ex. 5 Deliberative Process (DP)

Marcia B Mia

Air Branch

Office of Compliance

2227A WJCS

U.S. Environmental Protection Agency

202-564-7042

From: Marsh, Karen

Sent: Tuesday, July 31, 2018 4:56 PM

To: Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Just closing the loop for everyone...

## Ex. 5 Deliberative Process (DP)

Karen

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Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Mia, Marcia

Sent: Tuesday, July 31, 2018 1:43 PM

To: Marsh, Karen <Marsh.Karen@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Thank you Karen for the quick review.

A few more edits, because I didn't get thru yesterday.

## Ex. 5 Deliberative Process (DP)

**Ex. 5 Deliberative Process (DP)**

Marcia B Mia

Air Branch

Office of Compliance

2227A WJCS

U.S. Environmental Protection Agency

202-564-7042

From: Marsh, Karen

Sent: Tuesday, July 31, 2018 12:58 PM

To: Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Importance: High

Hi All,

Attached are additional edits on my end.

**Ex. 5 Deliberative Process (DP)**

# **Ex. 5 Deliberative Process (DP)**

Thanks,

Karen

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Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Mia, Marcia

Sent: Monday, July 30, 2018 4:57 PM

To: Branning, Amy <Branning.Amy@epa.gov>; Marsh, Karen <Marsh.Karen@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

I ran out of time and my computer is rebooting. I marked my stop will pick up in the am. But Ginny reviewed to the end **Ex. 5 Deliberative Process (DP)**.

Marcia B Mia

Air Branch

Office of Compliance

2227A WJCS

U.S. Environmental Protection Agency

202-564-7042

From: Branning, Amy

Sent: Monday, July 30, 2018 2:31 PM

To: Marsh, Karen <Marsh.Karen@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Hi Karen:

Here are my comments/suggested edits

**Ex. 5 AC/DP**

**Ex. 5 AC/DP**

Amy Huang Branning

EPA Office of General Counsel

phone: (202) 564-1744

fax: (202) 564-5603 or (202) 564-0070

This message may contain sensitive, privileged information covered by the deliberative process, attorney-client and/or attorney work product privileges. If you believe you have received this e-mail in error, please notify me and delete the e-mail immediately.

From: Marsh, Karen

Sent: Monday, July 30, 2018 12:10 PM

To: Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Cc: Fruh, Steve <Fruh.Steve@epa.gov>

Subject: RE: SV PTE Calculation

Ginny and Marcia,

# Ex. 5 AC/DP

Let me know if you have any questions and feel free to send back suggestions on this. I know you are briefing your DD today

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Thanks!

Karen

\*\*\*\*\*

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Marsh, Karen

Sent: Monday, July 30, 2018 9:20 AM

To: Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Subject: RE: SV PTE Calculation

Hi Ginny,

Thanks for the response

Ex. 5 AC/DP

**Ex. 5 AC/DP**

Karen

\*\*\*\*\*

Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov

From: Sorrell, Virginia

Sent: Friday, July 27, 2018 5:18 PM

To: Marsh, Karen <Marsh.Karen@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Subject: RE: SV PTE Calculation

Hi Karen,

Thoughts below in red.

**Ex. 5 AC/DP**

**Ex. 5 AC/DP**

Thanks,

Ginny

Virginia Sorrell

Air Enforcement Division

Office of Civil Enforcement

U.S. Environmental Protection Agency

Phone: 303-312-6669

This email, including attachments, may contain material that is confidential, privileged, and/or attorney work product.

From: Marsh, Karen

Sent: Friday, July 27, 2018 2:47 PM

To: Mia, Marcia <Mia.Marcia@epa.gov>; Sorrell, Virginia <Sorrell.Virginia@epa.gov>; Branning, Amy <Branning.Amy@epa.gov>; Gregory, John <Gregory.John@epa.gov>; Hambrick, Amy <Hambrick.Amy@epa.gov>

Subject: SV PTE Calculation

Hi all,

**Ex. 5 AC/DP**

# **Ex. 5 AC/DP**

# Ex. 5 AC/DP

I had hoped to take a first crack at this today but time got away from me. Let's take a look on Monday and try to knock this out.

Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

## Ex. 6 Personal Privacy (PP)

Thanks!

Karen

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Karen R. Marsh, PE

US EPA, OAQPS, Sectors Policies and Programs Division

Fuels and Incineration Group

109 TW Alexander Drive, Mail Code E143-05

Research Triangle Park, NC 27711

Direct: (919) 541-1065; email: marsh.karen@epa.gov